



Public Works & Transportation Committee

Date: Wednesday, September 21, 2011

Place: Anderson Room
Richmond City Hall

Present: Councillor Linda Barnes, Chair
Councillor Sue Halsey-Brandt, Vice-Chair
Councillor Derek Dang
Councillor Ken Johnston
Councillor Harold Steves

Call to Order: The Chair called the meeting to order at 4:00 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Public Works & Transportation Committee held on Wednesday, July 20, 2011, be adopted as circulated.

CARRIED

NEXT COMMITTEE MEETING DATE

Wednesday, October 19, 2011 (tentative date) at 4:00 p.m. in the Anderson Room

1. **PROVINCE OF BC 2010-2011 BIKEBC CYCLING INFRASTRUCTURE PARTNERSHIP PROGRAM – EXECUTION OF COST-SHARE AGREEMENTS**

(File Ref. No.: 01-0150-20-THIG1/2011-Vol 01) (REDMS No. 3307750)

It was moved and seconded

That the Chief Administrative Officer and the General Manager, Planning and Development, be authorized to execute any agreements necessary to receive cost-share funding under the Province of BC 2010-2011 BikeBC Cycling Infrastructure Partnership Program for the following two cycling facility projects as presented in the attached report:

Public Works & Transportation Committee

Wednesday, September 21, 2011

- (a) *Minoru Boulevard Bike Route (Granville Avenue to Alderbridge Way); and*
- (b) *Garden City Road-Granville Avenue Intersection Improvements.*

CARRIED

ENGINEERING AND PUBLIC WORKS DEPARTMENT

2. AWARD OF CONTRACT T.4311 – RECYCLING DEPOT CONTAINER COLLECTION AND RECYCLING SERVICES

(File Ref. No. 10-6370-04-01/2011-Vol 01) (REDMS No. 3295517)

In reply to queries from Committee, Suzanne Bycraft, Manager, Fleet & Environmental Programs, stated that Tender 4311 – Recycling Depot Container Collection and Recycling Services is a component-based contract. As such, she noted that bidders did not necessarily bid on all aspects of the work, but rather only on the portions of interest to them. Ms. Bycraft advised that bidding information on the individual recycling commodity would be provided to Council.

Discussion ensued regarding the net annual estimated revenue based on the tenders received and Ms. Bycraft advised that she would provide Council with precise figures of said revenue.

It was moved and seconded

That Contract T.4311, Recycling Depot Container Collection and Recycling Services, for the period November 1, 2011 – October 31, 2014, be awarded as follows:

- (1) *BFI Canada Inc. – the container collection and recycling services for the following commodities at the unit rates quoted: Mixed Waste Paper, Scrap Metal and Yard Waste;*
- (2) *Super Save Disposal Inc. – the container collection and recycling services for the following commodities at the unit rates quoted: Magazines, Tin, Scrap Aluminium, and Glass; and*
- (3) *Cascades Recovery Inc. – the container collection and recycling services for the following commodities at the unit rates quoted: Newspaper, Cardboard and Plastic.*

CARRIED

3. FAT, OIL AND GREASE (FOG) MANAGEMENT PROGRAM UPDATE

(File Ref. No.: 10-6060-03-01/2011-Vol 01) (REDMS No. 3295278)

In reply to queries from Committee, Lloyd Bie, Manager, Engineering Planning, provided the following information:

Public Works & Transportation Committee

Wednesday, September 21, 2011

- staff have identified the City Centre as having the highest amount of fat, oil and grease (FOG), with Hamilton and Shellmont areas as the second and third highest;
- the City primarily relies on education to mitigate FOG deposits in residential neighbourhoods; and
- although there are anecdotal reports that garburators contribute towards FOG, it is difficult to quantify the impact of garburators on the City's sanitary sewer collections systems.

Discussion ensued regarding increased communication with residents concerning FOG. It was noted that the City's Recycling Depot accepts cooking oil and animal grease from residents in an effort to discourage disposal of these items down sinks.

It was moved and seconded

That the five year Sanitary Pump Station and Forcemain Assessment and Upgrading Program (2012 to 2016) which includes forcemain pressure monitoring, forcemain access installation, forcemain inspection and FOG remediation, be endorsed for submission in the 2012 to 2016 Capital Plan for consideration.

CARRIED

PROJECT DEVELOPMENT & FACILITY MANAGEMENT DEPARTMENT

4. **AGEING FACILITY INFRASTRUCTURE – UPDATE**

(File Ref. No.:) (REDMS No. 3019796)

Greg Scott, Director, Project Development, distributed a revised Page 2 to the staff report entitled "Ageing Facility Infrastructure – Update", dated June 30, 2011 (attached to and forming part of these Minutes as Schedule 1). He stated that the revised page includes text that was inadvertently omitted due to a formatting error.

Discussion ensued regarding funding strategies and Mr. Scott spoke of enterprise funding solutions.

In reply to queries from Committee, Mr. Scott advised that the Facility Condition Index (FCI) is an industry standard designation of facility condition and City facilities currently have a fair rating of 0.07.

Discussion ensued regarding the potential to maintain City buildings at a 'good' level versus the current 'fair' level. Committee commented that information regarding the long-term benefits of 'good' rated buildings would be appreciated. Also, Committee requested that a complete list of City buildings, including their FCI ratings be provided to Council.

Public Works & Transportation Committee

Wednesday, September 21, 2011

Discussion further ensued and Committee requested that information regarding the maintenance costs of individual buildings be provided to Council.

It was moved and seconded

That the report entitled "Ageing Facility Infrastructure – Update", dated June 30, 2011 from the Director of Project Development, be received for information.

CARRIED

5. MANAGER'S REPORT

(i) BC Small Appliance Recycling Program

Ms. Bycraft highlighted that the BC Small Appliance Recycling Program will begin October 1, 2011. She noted that four sites in Richmond will collect the items listed as part of the new program: (i) OK Bottle Depot on Capstan Way; (ii) Regional Recycling on Vulcan Way; (iii) Ironwood Bottle and Return-It Depot on Horseshoe Way; and (iv) the City's Recycling Depot on Lynas Lane.

Discussion ensued regarding the fees for small appliances and Robert Gonzalez, General Manager, Engineering and Public Works, advised that Metro Vancouver may fine municipalities for any unacceptable materials found in their solid waste, such as small appliances. Mr. Gonzalez remarked that staff are working with Metro Vancouver in an effort to direct any fines collected to public education programs and additional recycling facilities.

In reply to queries from Committee, Ms. Bycraft advised that information regarding the Small Appliance Recycling Program will be distributed to residents with the City's annual garbage and recycling materials.

(ii) No. 1 Road and Moncton Street Intersection

Victor Wei, Director, Transportation, provided background information and stated that traffic and pedestrian improvements at the No. 1 Road and Moncton Street intersection have commenced and are going well. He noted that staff anticipate that the project be completed by November 2011.

(iii) Toilet Rebate Program

John Irving, Director, Engineering, provided background information and noted that 85% of the funds recently allocated to extend the program have been apportioned.

(iv) Ditch Infill

Discussion ensued regarding the process for infilling a City ditch and Mr. Gonzalez advised that staff would provide Committee with said information.

Public Works & Transportation Committee

Wednesday, September 21, 2011

(v) RV Sani Dump

It was noted that Richmond does not have a sani dump service location for RVs.

Tom Stewart, Director, Public Works Operations, advised that staff are aware of the issue and are working towards a solution.

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (4:50 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Public Works & Transportation Committee of the Council of the City of Richmond held on Wednesday, September 21, 2011.

Councillor Linda Barnes
Chair

Hanieh Floujeh
Committee Clerk

Staff Report

Origin

On February 3, 2006 Facility Management provided a report to Council detailing City building conditions. The results were derived on physical audits undertaken by Vanderweil Facility Advisors (VFA) involving 140 buildings comprising 1,450,000 sq. ft of total building area. This report provides an update to the overall Facility Condition Index (FCI) of City facilities 5 years after the original report.

Background

Council Term Goals

One of the strategic focus areas outlined in the currently adopted Council Term Goals is Financial Management. The goal is to ensure the City has the capacity to meet the financial challenges of today and the future, while maintaining current levels of service. This report outlines the current and long-term financial requirements for maintaining and replacing the City's ageing building infrastructure.

Condition of Existing Building Inventory

The City of Richmond's General Buildings and Leased facilities inventory consists of 146 buildings representing notable financial worth with a current value of \$284 million, excluding land costs and the Richmond Olympic Oval. The functional life of a facility is 45 years plus providing regular preventive maintenance is performed before a major refit is done. The average age of the facilities included in this report is 39.

FCI is an industry standard designation of facility condition where 0.00 to 0.05 is good, 0.06 – 0.10 is fair, and higher than 0.10 is considered poor. In 2006, the FCI of City facilities was 0.07 and has not changed due additional funding received in the past few years, as well as the replacement of some facilities. This has contributed to maintaining the overall FCI. However, a significant number of facilities will come due for major component renewal.

Analysis

Annual facility inspections based on twenty percent of total square footage are performed by a team comprised of an Architect, and an Electrical and Mechanical Engineer. Assessments currently estimate a \$20 million backlog of infrastructure repairs/replacement requirements. Twenty-year projections of this backlog and anticipated average renewals indicate this backlog would increase an average of \$5 million per year over the next 20 years to \$120 million if the current level of funding continues.

The 2010 funding applied to facility infrastructure repairs, replacement, and renewal is \$4,325,000. Increases in funding since 2006 have enabled the repair, replacement, and renewal of many high priority systems such as roofs and mechanical systems. However, funding projections show that the average annual funding requirement over the next 20 years is \$8,321,214. A base level increase of \$4.0M would address this annual shortfall and would allow the City to maintain facilities in their current condition. It is projected that given the current level of funding the FCI figure will go from 0.07 to 0.43 over the next 20 years.